

**DRAWING AMENDMENTS**

**In the Drawings:**

Please accept the following replacement drawings, marked to show changes:

5, 11, 14, 22, 24, and 27.

Replacement Sheet

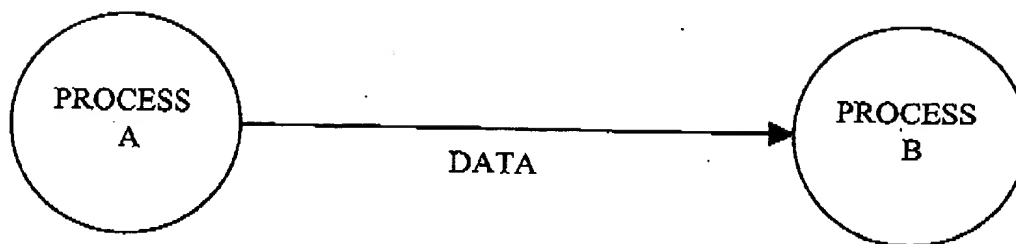


Fig. 5. Periodic process A transfers data to periodic process B.

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## Replacement Sheet

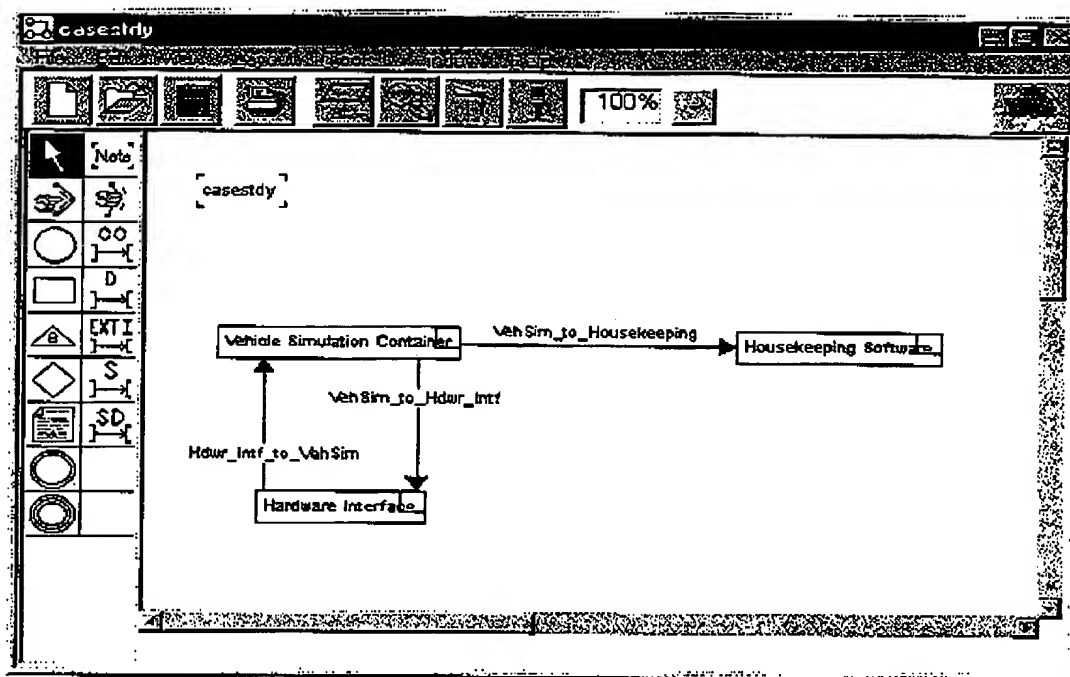


Fig. 11. Top-level description of the architecture of the simulation.

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## Replacement Sheet

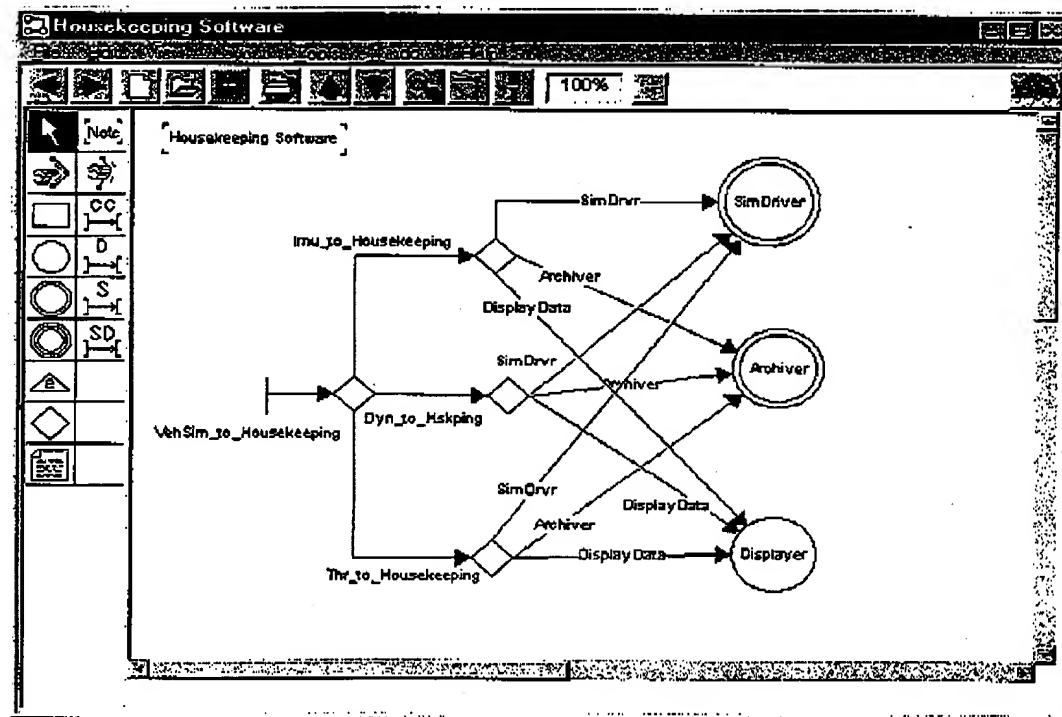


Fig. 14. The housekeeping software portion of the design.

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## Replacement Sheet

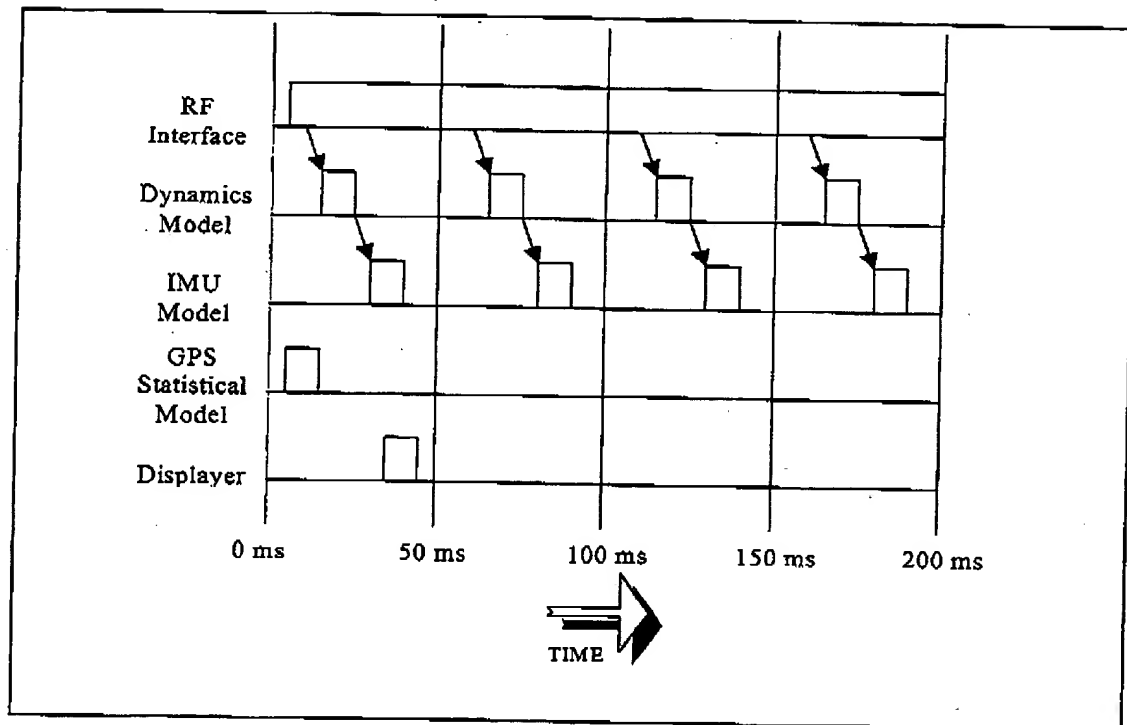


Fig. 15. Execution timeline for AR&amp;C simulation.

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# Replacement Sheet

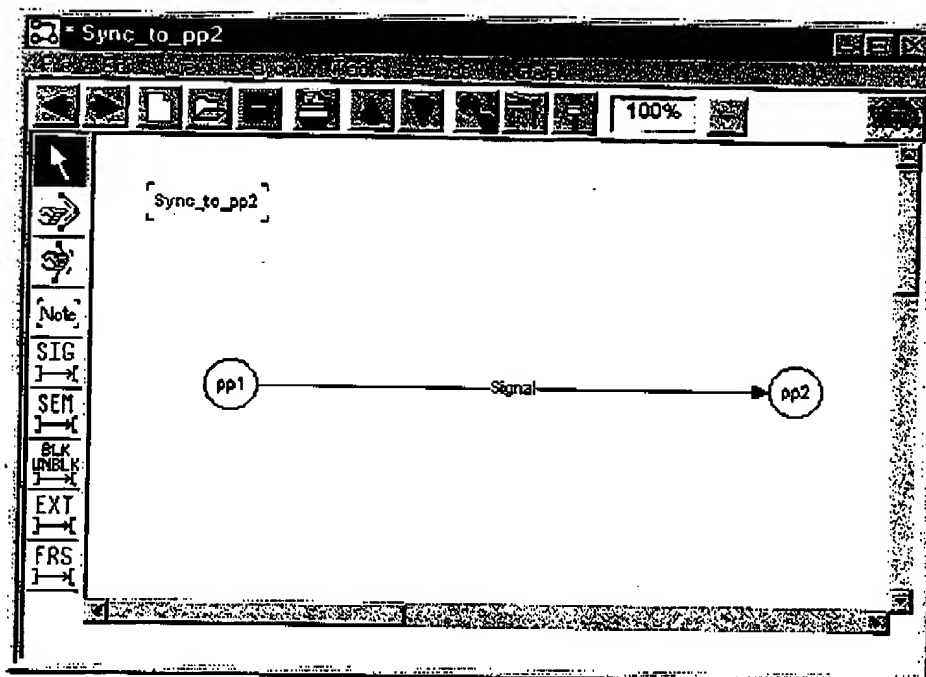


Fig. 22

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## Replacement Sheet

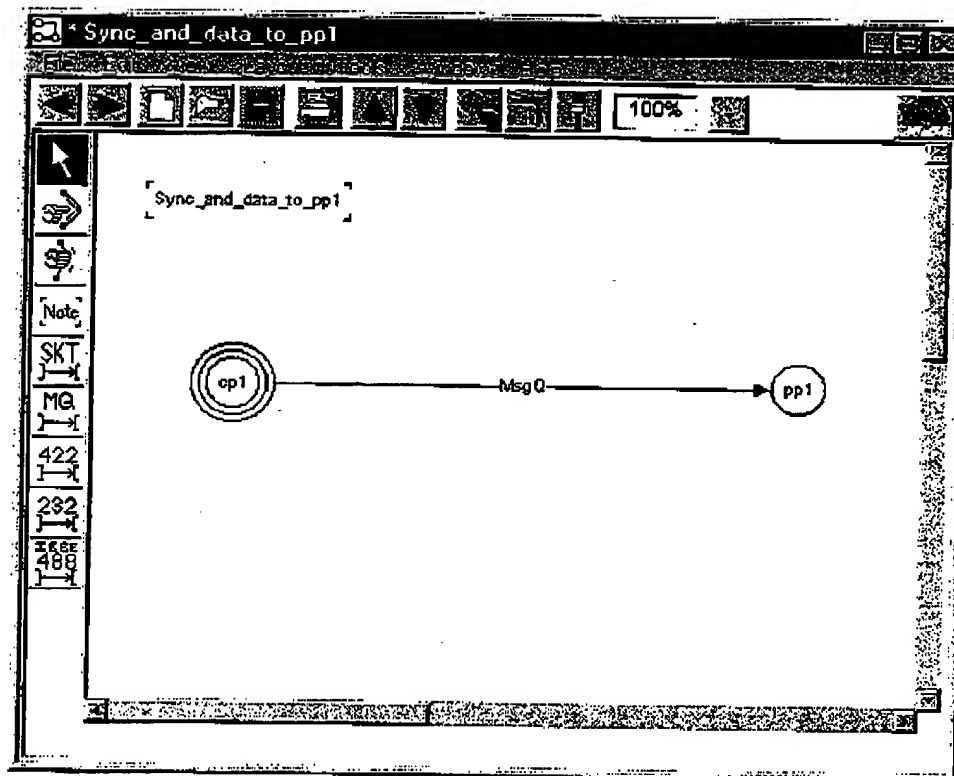


Fig. 24

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## Replacement Sheet

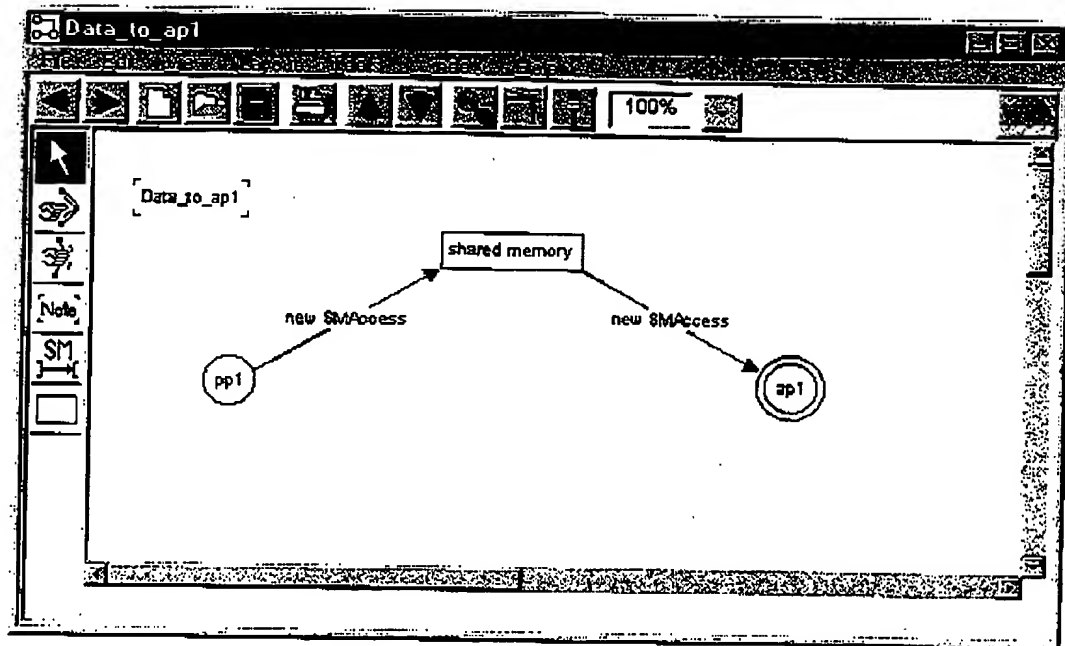


Fig. 27

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